## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	Group	Art	Unit:	(Unassigned)
PAUL T. CORCORAN, ET AL.	)	Examir	ner:	(Una	ssigned)
Application No: Unassigned	)				
Filing Date: Unassigned	)				
Title: COMPACTION QUALITY	)				
ASSURANCE BASED UPON QUANTIFYING COMPACTOR	)				
INTERACTION WITH BASE	)				
MATERIAL	)				
Atty Dkt No: CAT 03-111	)				

February 19, 2003

Director of United States Patent and Trademark Office Washington, D.C. 20231

## INFORMATION DISCLOSURE STATEMENT

Sir:

The following information and attached material are submitted for the Examiner's consideration relative to one or more of the claims in the above-identified application. A PTO 1449 (SB08) form and a copy, if required, of each item listed thereon are attached.

Respectfully, Submitted,

Michael B. McNeil

Registration No. 35,949

Under the Panerwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		Complete if Known				
					Application Number	
	INFORMATION DISCLOSURE				Filing Date	
STATEMENT BY APPLICANT		First Named Inventor	Corcoran			
					Art Unit	
	(Use as many sheets as necessary)		Examiner Name			
C	Sheet	1	of	1	Attorney Docket Number	03-111

	U.S. PATENT DOCUMENTS						
Examiner Cite Initials * No.1		Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US-5,952,561	09-14-1999	Jaselskis et al.	rigares / opea.		
		US- 6,122,601	09-19-2000	Swanson et al.			
		US- 5,942,679	08-24-1999	Sandstrom	-		
		US- 6,188,942 B1	02-13-2001	Corcoran et al.	·		
		US- 5,493,494	02-20-1996	Henderson			
		US- ,					
		US-			,		
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-	,				
		US-					

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Date MM-DD-YYYY			T <sup>6</sup>		
	<b></b>				·			
	<del>                                     </del>							

Examiner Signature	Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.